

CLAIMS

1. Packing with screw thread (2), preferably of plastic material, and including a container body (4) with associated lid (6), the mouth (8) of the container body being constituted by a cylindric extension (10) with circular cross-section, the cylindric extension (10) having an inner side (12) facing the cavity (14) of the container body (4), and an outer side (16) including an annular section (18) projecting therefrom, including a number of open grooves (22) that are substantially evenly distributed along the outer side circumference, oriented towards the rim (20) of the mouth and having a bottom (23), where the lid (6), which is constituted by a flattish, largely circular body (32) with a diameter greater than the diameter of the cylindric extension (10), with an upper side (9) and an underside (11), interacts with the cylindric extension (10) for closing the mouth (8) of the packing, as the lid (6) along the periphery includes an annular section (34) oriented towards the underside (11) of the lid, the side (36) of the lid facing the outer side (16) of the cylindric extension (10) having screw threads (38) for reception in the grooves (22) by placing the lid (6) on the mouth (8) and by making a relative, turning movement between the lid (6) and the container body (4), whereby the underside of the lid (6) is pressed against the rim (20) of the cylindric extension (10), and where the grooves (22) and the screw threads (38), respectively, each includes one half of mutually interacting arresting means (40, 42) for arresting the lid in the screwed on position, **characterised in that** one half of the arresting means (40) are constituted by a projection (40) provided in at least one of the grooves (22) close to its bottom (23) and oriented transversely of the grooves and standing up from the bottom (26) of the grooves, and that the second half of the arresting means are constituted by the screw threads (38) in the lid (6) having a slit (42) for receiving the projections (40) for detachable arresting of the lid (6) on the mouth (8) in the same moment as the lid (6) assumes the screwed on position on the mouth (8) of the container body with the underside (11) pressed against the rim (20) of the mouth (8) of the container body (4).
2. Packing with screw thread according to claim 1, **characterised in that** the side (44) of the lid (6) facing the cavity (14) of the container body (4) includes a membrane (46) centred about the middle (48) of the lid, the membrane (46) constituted by an annular,

projecting section (46) which at least includes a sloping side edge (54) oriented towards the mouth (8) of the container body (4) and continuing into a side (55) running in parallel with the internal side (12) of the mouth (8), the side (55) being pressed against the inner side (12) of the mouth (8) at its rim (20) when mounting the lid (6) in the arrested position, simultaneously with the underside of the lid (6) being pressed against the rim (20) of the mouth of the container body (4).

3. Packing with screw thread according to claim 1 or 2, **characterised in that** the annular projecting section (46) is conical, as the section (46) closest to the upper side (9) of the lid has a diameter at least corresponding to the internal diameter of the cylindric extension (10) of the mouth (8) of the container body, and that the section (46) closest to the underside (11) of the lid has a diameter being less than the internal diameter of the cylindric extension (10), and that the sloping side edge (54) runs mainly rectilinearly between the part of the section (46) closest to the underside (11) of the lid and the side (55) running in parallel with the internal side (12) of the mouth (8) of the container body (4).

4. Packing with screw thread according to claim 3, **characterised in that** the annular section (46) constituting the membrane with the sloping side edge (54) is lowered relatively to the underside (11) of the part of the lid (6) in contact with the container rim (20) in the mounted, arrested condition of the lid, whereby the extent of the side (55) of the annular, projecting section (46) pressed with the inner side (12) of the mouth (8) is increased.

5. Packing with screw thread according to any of claims 1 - 4, **characterised in that** the section (18) under the open grooves (22) forms one side limitation (24) of a recess (26), the other side limitation (28) of which being constituted by a projection (29) at the outer side (30) of the container body (4), and that on the rim (60) of the annular section (34) of the lid there is found a spotwisely fastened, annular ring (62), to the underside (64) of which with tab hinges (66) are fastened a plurality of downwards projecting and bendable, interspaced tabs (68) along the entire circumference of the ring, the tabs (68) being intended for accommodation in the recess (26) at the outer side of the container body by placing the lid (6) in screwed on position on the mouth

(8) of the container body (4) so that the free sides (70) of the tabs are in contact with the side limitation (24) in the recess (26).

- 5 6. Packing with screw thread according to claim 5, **characterised in that** the spotwise fastening of the annular ring (62) to the rim (60) of the annular section (34) of the lid is made so that the spotwise fastening is broken by a relative turning displacement between the lid (6) and the container body (4) which is oriented opposite to the screwing direction of the lid.